

USSR / Farm Animals. Sheep and Goats.

Q-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45228

Author : Suleymanova, D. N.

Inst : Not given

Title : Milk Production and Energy Metabolism in the Increased and  
in the Decreased Function of the Thyroid Gland

Orig Pub : Tr. In-ta zhivotnovodstva. Dagestansk. fil. AN SSSR, 1956, 3,  
115-119

Abstract : In two female goats, following the supplementation of their  
rations by iodized casein (90 mg. per kg. of body weight),  
an increase of the milk yield by 34.2%, that of butterfat  
by 18.8%, and of energy metabolism by 35.2%, was observed.  
The rate of pulse and respiration of the animals was accelerated;  
they became more active and their weight decreased.  
After 3 months of administration of iodized casein, and  
following its cessation, all the above mentioned indexes

Card 1/2

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SULEYMANOVA, D. N.

Effect of potassium iodide on reproduction and milk production of cows. D. N. Suleymanova. Zbirka nauchno-tekhnicheskikh trudov po zoologii i zoopatologii, No. 1, 1956, p. 17-61. Expts. with cows in the Daghestan region (body deficient) showed that reproduction, gain in body weight, and production of milk and fat were improved when the animals received from 50 to 150 mg. of KI daily; 100 kg. of body weight during the pasture season. V. N. Krushchikov

MEKHTIYEV, S.D.; AGAYEV, U.Kh.; AKHMEDOV, S.M.; SULEYMANOVA, E.T.

Photochemical chlorination of aromatic hydrocarbons and  
dehydrochlorination of their dichlorosubstituted derivatives.  
Azerb.khim.zhur. no.2:17-24 '61. (MIRA 14:8)  
(Hydrocarbons) (Chlorination)

SULEYANOVA, F. G.

"A Comparative Investigation of Thermal Process Parameters in the Operation of an Engine With Internal and External Fuel Mixture and Forced Ignition." Cand Tech Sci, Power Engineering Inst imeni I. G. Yes'man, Azerbaijan SSR, 25 Dec 54. (BR, 15 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

SULEYMANOV, F.G.; BASHAYEV, V.Ye.; EL'OVICH, I.I.

Use of universal truck and tractor oils. Azerb.neft.khoz. 35 no.7:  
34-35 J1 '56. (MLRA 9:12)  
(Lubrication and lubricants)

SULEYMANOV, F.G.

Means for improving the quality of Diesel fuels. Sbor. trud. Akad. Nauk SSSR  
no. 2:256-270 Ag 58. (MIRA 12:6)  
(Diesel fuels—Additives)

SULEYMANOVА, F.G.

Methods for lowering the antiknock requirements of gasolines  
for carburetor engines. Sbor.trud.Az NII NP no.4:5-22 '59.  
(MIRA 15:5)  
(Gasoline—Antiknock and antiknock mixtures) (Carburetors)

SULEYMANOV, F.G.

Use of low-octane fuels in a carburetor engine. Izv.AN  
Azerb.SSR.Ser.fiz.-mat.i tekhn.nauk no.4:63-75 '59.  
(MIRA 13:2)  
(Gas and oil engines)

KULIYEV, A.M.; KULIYEV, R.Sh.; DREYZINA, M.M.; KERVORKOVA, I.S.; ALIYEV, M.I.;  
SULEYMANOVA, F.G.; EL'OVICH, I.I.; NESTERENKO, M.Ye.

Methods for improving the quality of oil for carburetor engines.  
Sbor. trud. Az NII NP no.4:89-113 '59. (MIRA 15:5)  
(Carburetors) (Lubrication and lubricants)

SULEYMANOV, F.G.; BASHAYEV, V.Ye.; EL'OVICH, I.I.

Comparison of the results of laboratory methods with the real  
evaluation of crankcase oils for motors and tractors. Sbor. trud.  
Az NII NP no.4:148-162 '59. (MIRA 15:5)  
(Lubrication and lubricants--Testing)

SULEYMANOVA, Fat'ma Gamsayevna; EL'OVICH, Il'ya Isayevich; BASHAYEV,  
V.Ye., kand. tekhn. nauk, red.; KEGANYAN, R., red.izd-va;  
POGOSOV, V., tekhn. red.

[Working properties of fuels and lubricating oils for modern  
internal combustion engines] Ekspluatatsionnye svoistva topliv i  
smazochnykh masel dlja sovremennykh dvigatelei vnutrennego sgo-  
raniia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961.  
150 p. (MIRA 15:4)

(Petroleum as fuel)  
(Gas and oil engines—Lubrication)

SULEYMANOVA, F.G.

Formation of lubricant products during engine operation and means of controlling them. Azerb.khim. zhur. no.4:41-51 '63. (MIRA 17:2)

SULEYMANOVA, F.G.

Effect of the structural characteristics of the engine and of  
its technical state on the degree of aging of lubricating  
oils. Azerb. khim. zhur. no.5+23-33 '63 (MIRA 17:8)

L 12401-63  
RM/BW/WW/MN

ACCESSION NR: AP3001668

ENP(j)/EFT(c)/ENT(n)/EDS AFFTC/ASD/APGC Pe-4/Pr-4

S/0065/63/000/006/0024/0028

AUTHOR: Kuliyev, A. M.; Zeynalova, G. A.; Abdinova, A. B.; Kafarova, U. Ya.; <sup>77</sup>  
Suleymanova, F. G.; Mamedov, M. A. <sup>75</sup>

TITLE: Preparation of multifunctional additive based on condensation products  
of alkylphenol with formaldehyde <sup>1</sup>

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 6, 1963, 24-28 <sup>8</sup>

TOPIC TAGS: Fuel additives, physicochemical properties, formaldehyde, alkylphenol

ABSTRACT: The investigation of a multifunctional additive by the condensation reaction of formaldehyde with alkylphenol and its comparison to other existing additives has been completed. In the process of investigation it was established that the use of highly effective multifunctional additives in fuel is more economical and since all the functional groups are concentrated into one molecule, the elimination of these additives is rapid as a result of its chemical interaction with the metals at contact or adsorption to the metal surface. The composition of the synthesized barium salt of the condensation alkylphenol and formaldehyde products (BFK) with other combination additives showed that the BFK additive is more superior to other additives. It prevents corrosion of the

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L 12401-63

ACCESSION NR: AP3G01668

*diesel fuels containing as much as 1.2% of sulfur in their composition and to a large extent improves its wetting ability. An industrial production of BFK based on the original data has been proposed. Orig. art. has: 5 tables.*

2

ASSOCIATION: INKhP AN AzSSR

SUBMITTED: 00

SUB CODE: none

DATE ACQ: 08Jul63

ENCL: 00

NO REF SQN: 000

COTHER: 000

Card 2/2

KULIYEV, A.M.; SULEYMANOVA, F.G.; SADYKHOV, K.J.; ZEYNALOVA, G.A.; EL'OVICH, I.I.; KHIGER, V.P.; BASHAYEV, V. Ye.; MUSHAILOV, A. Ye.

Improving the quality of motor oils from Baku petroleum. Khim. i tekh. topl. i masel 9 no.6:35-39 Je'64 (MIRA 17:7)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.

SULEYMANOVA, F.G.; LIKSHA, V.B.

Effect of temperature on the corrosiveness of lubrication oils  
containing additives. Zashch. met. 1 no.2:235-238 Mr-kp '65.  
(MIRA 18:6)

1. Institut neftekhimicheskikh protsessov AN AzerbSSR.

SULEYMANOVA, F.G.; KHIGER, V.F.; MNHITARYAN, Sh.A.; ZENEVICH, M.I.

Thermal stability of oils as an indication of their industrial properties. Sbor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Nefteper. i khim. prom. no.2:38-42 '62.  
(MIRI 18:9)

L 1897-66

ACCESSION NR: AP5021584

UR/0286/65/000/013/0055/0055

665.1/5

35 445

AUTHOR: Kuliyev, A. M. o.; Suleymanova, F. G.; El'ovich, I. I.; Zeynalova, G. A. k.;  
Mushailov, A. Ye.

TITLE: Preparative method for motor oils. Class 23, No. 172446

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 55

TOPIC TAGS: lubricating oil, lubricant additive, antivear additive

ABSTRACT: An Author Certificate has been issued for a preparative method for motor oils, involving addition of the following additives to an oil base: an alkylphenol-formaldehyde condensation product [unspecified], and sulfonate, antivear, and defoamant additives. To improve the service properties of the oil, the antivear additive used is thiochlorostyrebe [sic].

[SM]

ASSOCIATION: Institut neftekhimicheskikh protsessov im. Yu. G. Mamedaliyeva  
AN Azerbaydzhanskoy SSR (Institute of Petrochemical Processes, AN Azerbeydzh SSR)

SUBMITTED: 03Mar64

ENCL: 00

SUB CODE: FP

NO REP SOV: 000

OTHER: 000

ATD PRESS: 4086

Card 1/1 *m/w*

L 14037-66	EWP(j)/EWT(m)/T	RH/DJ
ACC NR: AR5020047	SOURCE CODE: UR/0081/65/000/012/k017/k017 53 B	
AUTHOR: Kuliyev, A.M.; Liksha, V.B.; Suleymanova, F.O.		
ORG: none	15.44.52 // 44	
TITLE: Laboratories studies of the <u>anticorrosive effect of additives to lubricants</u>		
SOURCE: Ref. zh. Khimiya, Abs. 12K92		
REF SOURCE: Azerb. neft. kh-vo, no. 10, 1964, 38-40		
TOPIC TAGS: corrosion, lubricant, anticorrosion additive		
TRANSLATION: It is shown that an increased concentration of oils in alkyl-phenolic additives (BFK and AzIII-7) gradually decreases the corrosion of Pb. The antioxidant additive DF-11 and antiabrasion additive LV-25K contained in oils on the order of 1% possess high anticorrosive properties and sharply decrease the corrosion of Pb. It is confirmed that the sulphonated additive SB-3/mixed with certain basic oils somewhat increases the corrosive aggression during prolonged oxidation. From the authors' resume.		
SUB CODE: 07		
Card 1/1 30		

L 17698-66 ENT(m)/T DJ ACC NR: AP6007671	(A) SOURCE CODE: UR/0413/66/000/003/0043/0043 INVENTOR: Kuliyev, A. M.; Zeynalova, G. A. K.; Suleymanova, F. G.; Kerimova, E. B.-A. K.; Agakishiyeva, A. M.-A. K.; Khiger, V. F.
ORG: none	
TITLE: Preparative method for a multipurpose additive to motor oils. Class 23, No. 178437 [announced by Institute of Petrochemical Processes, AN Azerbaijan SSR (Institut neftekhimicheskikh protsessov AN Azerbaydzhan SSR)]	38 15
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 43	
TOPIC TAGS: lubricant additive, lubricating oil	
ABSTRACT: An Author Certificate has been issued for a preparative method for an improved multipurpose additive to motor oils. The method involves treatment with phosphorus pentoxide of an alkylphenol-formaldehyde-ammonia condensation product.	(B)
SUB CODE: 21/ SUBM DATE: 27Oct64/ ATD PRESS: 4210	
Card 1/1	UDC: 621.892.86:546.185

L 2000-64 ACC NR: AP6002932	(A) I.P.(s) D/(s)/L SOURCE CODE: UR/0286/65/000/024/0101/0101
AUTHORS: Kuliyev, A. M.; Suleymanova, F. G.; Liksha, V. B.; Gurylev, G. G.	
ORG: none	
TITLE: A device for determining corrosivity of oils and the anticorrosion efficiency of additives in them. Class 42, No. 177157 (announced by Institute of Petroleum-Chemistry Processes im. Yu. G. Mamedaliyev, AN Azerbaijan SSR (Institut neftekhimicheskikh protsessov AN Azerbaiydzhan SSR))	4 5
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 101	
TOPIC TAGS: corrosion rate, corrosion inhibitor, lubricating oil, anticorrosion additive, corrosion resistant metal	
ABSTRACT: This Author Certificate presents a device for determining the corrosivity of oils and the anticorrosion effectiveness of additives. The device consists of a thermostat, a chamber filled with the test oil, an arrangement for supplying air, and a wire resistance - indicator. For increasing precision of measurements, the resistance gauge is made in the form of bimetallic wire, an outer surface of the test metal over a core of metal not subject to corrosive decay in the test medium and having high electrical resistance. For regulated and uniform supply of air in the chamber, the chamber is attached to a disk that produces reciprocating	
Card 1/2	UDC: 620.193.471.2

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653910003-3

L 22721-66

ACC NR: AP6002932

motion. It is equipped with a fixed piston that permits air to pass but not oil. This piston has a shaft with a conduit for admitting the air and a valve for turning off the supply.

SUB CODE: 14, 13/ SUBM DATE: 22Apr64

Card 2/2)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653910003-3"

L 20632-66 EWT(m)/T DJ  
 ACC NR: AP6011220 (A)

SOURCE CODE: UR/0413/66/000/006/0057/0057

INVENTOR: Blagovidov, I. F.; Druzhinina, A. V.; Monastyrschiy, V. N.; Puchkov, N. G.;  
 Deryabin, A. A.; Borovaya, M. S.; Filippov, V. F.; Avallani, T. K.; Zaslavskiy, Yu. S.;  
 Tarmanyan, G. S.; Shor, G. I.; Dmitriyeva, N. A.; Belyanchikov, O. P.; Kuliyev, A. M.;  
 Suleymanova, F. G.; Zaynalova, G. A.; Sadykhov, K. I.

ORG: none

TITLE: Preparative method for motor oils. Class 23, No. 179868

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 57

TOPIC TAGS: lubricating oil, lubricant additive

ABSTRACT: An Author Certificate has been issued for a preparative method for motor oils, involving the introduction of additives. To impart the required service properties, the additives used are an alkylphenol-formaldehyde condensation product (3-15%), a sulfonate additive (1-6%), an additive based on xanthates or dithiophosphates (0.5-1%), and an organosilicon additive (0.003-0.005%) [the additives are no further identified in the source].

[EM]

SUB CODE: 11/ SUBM DATE: 02Aug62/ ATD PRESS: 4225

Cord 1/1

UDC: 665.521.5002.237

11.4100

25354  
S/032/61/027/006/005/018  
B124/B203

AUTHORS: Maksimycheva, Z. T., Maslentsova, T. A., and Suleymanova, F. N.

TITLE: Determination of rubidium and cesium in the form of their boron fluorides

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 6, 1961, 667 - 668

TEXT: On the basis of a physicochemical study of the formation of  $RbBF_4$  and  $CsBF_4$  in aqueous and aqueous-alcoholic solution of fluoboric acid, it was stated that rubidium- and cesium boron fluorides of constant composition are formed at any ratio of the reacting components. Rb and Cs are quantitatively precipitated with a fourfold  $HBF_4$ -excess from a solution containing about 60% of ethyl alcohol. For a quantitative determination of Rb and Cs, the authors used a 1 N alcoholic solution of  $HBF_4$ . The synthesis of the latter and the quantitative determination were the same as for the determination of potassium in the reference (Z. T. Maksimycheva and N. Abdusalyamov Zavodskaya laboratoriya, XVIII, 4, 403(1958)). For rewashing,

Card 1/4

Determination of rubidium and

25354  
S/032/61/027/006/005/018  
B124/B203

a mixture of ether and alcohol is recommended for rubidium boron fluoride, and a mixture of alcohol with a small quantity of fluoboric acid for cesium boron fluoride; 4-5 times rewashing is sufficient. The method was checked on pure salts. The mean relative error of the results is 0.03-0.14% for rubidium, and 0.73-0.80% for cesium. Smaller quantities of cesium than 15 mg cannot be determined by this method. Tables 1 and 2 give the mean values of determination of Rb and Cs in the presence of some foreign cations and anions. A fresh  $\text{HBF}_4$  solution must be used as it partly hydrolyzes with time, the resulting HF with the ions introduced in the solution forming fluorides which coprecipitate with the boron fluorides of Rb and Cs, and increase the analytical results. The determination is not disturbed by the presence of  $\text{Na}^+$ ,  $\text{Li}^+$ ,  $\text{Ca}^{2+}$ ,  $\text{Mg}^{2+}$ ,  $\text{Fe}^{3+}$ ,  $\text{Al}^{3+}$ ,  $\text{Cl}^-$ ,  $\text{NO}_3^-$ , and  $\text{SO}_4^{2-}$ . The relative error of determination does not exceed 1%. The method is not suitable for Cs, and K in mixtures. There are 2 tables and 1 Soviet-blcc reference.

Card 2/4

SULEYMANOVA, G. S.

SULEYMANOVA, G. S. - "Problem of the Contemporary State of the Treatment of Leukosis." Sub 13 Jan 53, Central Inst for the Advanced Training of Physicians. (Dissertation for the Degree of Doctor in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

AGZAMICHODZAYEV, S.A.; SULEYMANOVA, Q.S.

Conference of the Uzbek Institute for Research on Hematology and  
Blood Transfusion. Med. zhur. Uzb. no.10:81 O '60. (MIRA 13:12)  
(MEDICINE)

ASKAROV, A.I., prof.; SULEYMANOVA, G.S., prof.; ASKAROV, U.A., kand. med. nauk

Dynamics of clinical, biochemical and cytological changes  
in the liver in helictropic toxicosis treated by dry plasma  
transfusions. Med. zhur. Uzb. no.9:8-12 S '62.

(MIRA 17:2)

1. Iz kafedry fakul'tetskoy terapii Tashkentskogo gosu-  
darstvennogo meditsinskogo instituta, Uzbekskogo instituta  
hematologii i perelivaniya krovi i Instituta krayevoy  
eksperimental'noy meditsiny AN UzSSR.

SULEYMANOVA, Kh. R.

*Sublimanova, H. R. Stochastic matrices with real charac-*  
*teristic numbers. Doklade Akad. Nauk SSSR (N.S.)*  
vol. 313, 1943, p. 145. (Russian)

SULEYMANOVA, Kh.R.

[Collection of problems for the course in higher mathematics; the elements of vector analysis] Sbornik zadach po kursu vysshei matematiki; elementy vektornogo analiza. Izd. 2., perer. Moskva, N-vo vysshego obrazovaniia SSSR, 1957. 45 p. (MIRA 11:6)  
(Vector analysis)

NORKIN, Sim Borisovich; BERRI, Roza Yakovlevna; ZHABIN, Ivan  
Andreyevich; FCLOZKOV, Dmitriy Petrovich; RCZENTAL',  
Mariya Iosifovna; SULEYMANOVA, Khaafaza Raziyevna;  
TAL'SKIY, D.A., red.; IEZHOOVA, L.L., tekhn. red.

[Elements of computer mathematics] Elementy vychisli-  
tel'noi matematiki. Izd.2., perer. i dop. [By] S.B.  
Norkin i dr. Moskva, Gos.izd-vo "Vysshiaia shkola," 1963.  
209 p. (MIRA 16:12)  
(Approximate computation)

YELISTRATOVA, T.A.; SULEYMANOVA, Kh.R.; SHUMOV, A.S.; BURLAK, M.F.,  
etc.

[Problems for a course in higher mathematics] Sbornik zadach  
po kursu vysshei matematiki. Moskva, Vysshiaia shkola.  
No.4. 1964. 204 p. (MIRA 18:5)

DYUBYUK, P.Ye., KRUCHKOVICH, G.I.; GLAGOLEVA, N.N.; GUTARINA,  
V.I.; PANFILOVA, I.A.; RIMSKIY-KORSAKOV, B.S.; SENKEVICH,  
R.L.; SULEIMANOVA, Kh.R.; CHEGIS, I.A.; GEYDEL'MAN, R.M.,  
prof., retsentent; SEL'VERSTOVA, A.I., red.

[Problems for a course in higher mathematics] Sbornik za-  
dach po kursu vysshei matematiki. Moskva, Vysshiaia shkola,  
1965. 590 p. (MIRA 18:8)

DYUBYUK, Petr Yevgen'yevich; KRUCHKOVICH, G.I.; GLAGOLEVA, N.N.;  
GUTARINA, N.I.; PANFILOVA, I.A.; RIMSKIY-KORSAKOV, B.S.;  
SENKEVICH-FURSHEYN, R.S.; SULEYMANOVA, Kh.R.; CHEGIS, I.A.;  
SELIVERSTCVA, A.I., red.; GOROKHOVA, S.S., tekhn.red.

[Problems for a higher mathematics course in technical  
schools of higher education] Sbornik zadach po kursu vys-  
shej matematiki dlja vtuzov. [By] P.E.Diubiuk i dr. Moskva,  
Vysshiaia shkola, 1963. 661 p. (MIRA 17:1)

ZASLAVSKAYA, N.Ya.; SULYMYNOVA, L.K.

Experimental dynamic characteristics of a boiler-turbine  
unit. Izv.AN Kazakh.SSR Ser.energ. no.2:112-117 '60.  
(MIRA 13:7)

(Boilers) (Steam turbines)

KIPRIANOV, I.I.; SULEIMANOVA, M.G.

Thiacarbocyanines with substituents in trimethine chromophore.  
Ukr. khim. zhur. 31 no. 12:1281-1286 '65 (MIRA 1981)

1. Institut organicheskoy khimii AN UkrSSR. Submitted October 17,  
1964.

BRYUKHANOV, V.N.; KOZLOV, V.V.; SULIDI-KONDRAT'YEV, Ye.D.

Earth under a stereoscope; aerial photography helps geologists  
to determine mineral resources. Priroda 55 no.1:23-32 Ja '6t.  
(MIRA 19:1)

1. Vsesoyuznyy aerogeologicheskiy trest, Moskva.

BODIGOV, R. I.; GAYTNER, N. S.; ALIYERDIYEV, Sh. S.; SHINYMARIA, M. Kh.

Detection and identification of diphtheria cultures with the  
indicator method. Azerb. med. zhur. 40 no.8:82-84 Ag '63.  
(MIRA 17:12)

СУЛЯНДЖА, Р. Н.

Dissertation: "Characteristics of the Clinical Course of Acute Sonne Dysentery." Cand Med Sci, First Moscow Order of Lenin Medical Inst, 23 Jun 54. (Vechernaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec 1954

78-3-4-34/38

AUTHORS:	Gromakov, S. D., Suleymanova, R. S.
TITLE:	Investigating Solutions by the Method of Thermometry (Issledovaniya rastvorov po metodu termometrii)
PERIODICAL:	Zhurnal Neorganicheskoy Khimii, 1958, Vol. 3, Nr 4, pp. 1048-1053 (USSR)
ABSTRACT:	<p>The thermometrical method as means for the physico-chemical analysis in the investigation of solutions was dealt with. By the determined temperature curves which are formed on the action of components, conclusions can be drawn on the presence of complexes or double salts. The accuracy of this method is lower than that of the classical method based on the titration with indicators.</p> <p>The thermometric method is suited for orienting qualitative investigations as it is simple and takes little time. The principle of the method is based on the determination of the temperature difference formed in the chemical interaction in the solution. There are 5 figures and 2 references, which are Soviet.</p>

Card 1/2

78-3-4-34/38

Investigating Solutions by the Method of Thermometry

ASSOCIATION: Kazanskiy gosudarstvenny universitet  
(Kazan' State University)

SUBMITTED: April 27, 1957

Card 2/2

USSR/ Chemistry - Analysis instruments

Card 1/1 Pub. 147 - 16/25

Authors : Suleymanova, R. Z.

Title : Capillary type closed viscosimeter

Periodical : Zhur. fiz. khim. 28/10, 1820-1824, Oct 1954

Abstract : The introduction into laboratory practice of a new capillary closed viscosimeter, which has no valves and completely isolates the investigated liquid from the surrounding medium, is announced. The mode of operation of this viscosimeter is described. The performance of the viscosimeter was tested on seven different liquids at temperatures ranging from +20 to +80°C, which includes temperatures of below- and above the boiling point of the liquids. The reliability of results obtained by means of the new viscosimeter can safely be compared with that of the Ostwald viscosimeter. The geometrical dimensions of the viscosimeter can be changed to various degrees. Tables; drawings.

Institution : .....

Submitted : March 11, 1954

S. L. Suleymanova, U.G.  
SULEYMANOVA, U.G. (Makhachkala)

Meningitis of brucellar etiology. Klin.med. 35 [i.e.34] no.1  
Supplement:36-37 Ja '57. (MIRA 11:2)

1. Iz kliniki nevnykh bolezney (zav. - prof. M.S.Dobrokhotoev  
[deceased]) Dagestanskogo meditsinskogo instituta.  
(MENINGITIS) (BRUCELLOSIS)

YASNOPOLSKIY, V.D.; MURZINA, N.S.; NIKITINA, L.S.; SULEYMANOVA, U.N.

Determining the ash content and admixtures in petroleum products.  
Sbor.trud.Az NII NP no.4:300-313 '59. (MIRA 15:5)  
(Petroleum products--Analysis)

SULEYMANOVA, Z. S.

Capillary toxicosis in children. Azerb. med. zhur. 41 no.1:56-60 Ja  
1964. (MIRA 17:12)

SULEYMANOVA, Z.G.

Prospects for developing Soviet manufacture of diesel engines  
and means for increasing the production of diesel fuels. Azerb.  
neft.khos. 38 no.12:40-41 D'59. (MIRA 13:10)  
(Diesel engines) (Diesel fuels)

SULEYMANOVA, Z.G.

Rare case of periarteritis nodosa in a 14-year old girl. Azerb.  
med. zhur. no.6:62-64 Je '60. (MIRA 14:1)

1. Iz detskoy klinicheskoy bol'nitsy im. N.Narimanova (glavnnyy  
vrach - K.I.Efendiyeva; nauchnyy rukovoditel' - dotsent A.G.Useynov).  
(ARTERIES—DISEASES)

SULEYMANOVA, Z.G.

Means for increasing fuel resources for diesel engines. Azerb.  
neft. khoz. 39 no.5:39-42 My '60. (MIRA 13:10)  
(Diesel fuels)

<u>SULEYMANOVA, Z. G.</u> , Cand. Tech.Sci. (diss) "Investigation of Diesel Engines Operating on Two-Phase Fuel Injection," Baku, 1961, 14 pp. (Combined Council Azerbaydzh. Inst. Oil and Chem.) 250 copies (KL Supp 12-61, 274).	
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SULEYMANOVA, Z.G.

Study of diesel engines operating on two-phase fuel injection.  
Azerb. neft. khoz. 40 no.9:41-44 S '61. (MIRA 15:1)  
(Diesel engines)

SELEMANOVA, Z.I.

Min Chemical Industry USSR. Sci Res Inst. of the Tire Industry

SELEMANOVA, Z.I.: "A study of the mechanical properties of cellulose fiber  
with small moisturecontent." Min Chemical Industry USSR. Sci Res Inst of  
the Tire Industry. Moscow, 1956.

(Dissertation for the Degree of Candidate in Chemical Sciences)

SO: Knizhnaya Letopis', No. 20, 1956

SULEYMANOVA, Z.I.; KARGIN, V.A.

Investigating the mechanical properties of cellulose fibers with  
low moisture content. Kauch. i rez. 16 no.12:18-22 D '57.  
(MIRA 11:3)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti i  
fiziko-khimicheskiiy institut im. L.Ya. Karpova.  
(Cellulose) (Fibers--Testing)

AUTHORS:	Suleymanova, B. I., Kargin, V. A.	76-32-4-13/43
TITLE:	Investigation of the Mechanical Properties of Cellulose Fibers (Izuchenie mekhanicheskikh svoystv tsellyuloznykh volokon)	
PERIODICAL:	Zhurnal Fizicheskoy Khimii, 1958, Vol. 32, Nr 4, pp. 811-818 (USSR)	
ABSTRACT:	In order to be able to better investigate cellulose properties the fiber was investigated in absolutely dry state, and then the influence of small amounts of humidity (up to 10%), as well as of the addition of plasticizers (glycerin, urea, potassium lactate, glucose and triethylbenzylammonium) was determined. From the experimental part can be seen that the mercerized or digested cotton fiber, as well as viscose fiber were investigated by means of a vacuum dynamometer according to Usmanov-Kargin. It was observed that the absolutely dry cellulose fiber according to the observations by Kh. U. Usmanov and V. A. Kargin (Reference 1) shows a considerable deformability which is explained by a loose molecular packing and small de-	

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Investigation of the Mechanical Properties of  
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gree of orientation of the fiber. The addition of humidity up to 10% effects an essential increase of the deformation while above 10% the effect is no longer as intensive; from this is concluded that a slight decrease of humidity in this interval (up to 10%) brings about a strong decrease of deformation. The investigations with an addition of plasticizers showed that no special change of mechanical fiber properties takes place, but that the structure of the fiber can, on certain conditions, be deteriorated. Thus triethylbenzylammonium can exert negative effect on the fiber properties by an increase of the velocity of relaxation processes. From graphical representations can be seen that a mercerization in the case of tension and thus an increase of the degree of orientation of the cotton fiber does not cause any decrease of the deformability, since, according to the results obtained by Yu. S. Lipatov, V. A. Kargin, G. L. Slonimskiy (Reference 8) and V. A. Kargin and T. V. Gatovskaya (Reference 9) the conditions of orientation are decisive. It was found that the elasticity deformation of the fiber

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does not depend on the degree of orientation but on the course of the relaxation processes, with the previous treatment also playing a part in it. Finally the conclusion is made that the fiber elasticity in the case of small humidity content depends more on the heterogeneity of the structure, but that, on the other hand this effect can be compensated by an orientation elasticity.  
There are 3 figures, 2 tables and 13 references, all of which are Soviet.

ASSOCIATION: Fiziko-khimicheskiy Institut im. L. Ya. Karpova, Moskva; Institut shchindly promyshlennosti, Moskva (Moscow Physico-chemical Institute imeni L. Ya. Karpov; Moscow Institute of Tire Industry)

SUBMITTED: December 14, 1956

AVAILABLE: Library of Congress

Card 3/3      1. Cellulose filters--Mechanical properties

Suleymanova, Z. I.

155540

AUTHOR:

Suleymanova, Z. I.

S/183/60/000/03/07/007  
B020/B054

82065

TITLE:

Mechanical Properties of Caprone Fiber Cord at Increased Temperatures

PERIODICAL: Khimicheskiye volokna, 1960, No. 3, pp. 23-24

TEXT: The author deals with the changes in strength and elongation of caprone fiber cord at increased temperatures, particularly the influence of increased temperatures on the reversible changes in its strength and elongation, and the determination of irreversible changes in its strength and elongation under the action of increased temperatures. The influence of temperature on the mechanical properties of caprone fiber cord is graphically shown in Fig. 1, and the change in its tensility at different temperatures in Fig. 2. Fig. 3 shows the influence of the heating time to various temperatures on the strength of caprone fiber cord; Fig. 4 shows the influence of preliminary stretching on its strength at different temperatures and after 120 hours of heating, Fig. 5 the change in the characteristic viscosity of commercial caprone fiber cord as X

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S/138/62/000/004/002/008  
A051/A126

AUTHORS:

Ionova, T.V.; Suleymanova, Z.I.; Uzina, R.V.

TITLE:

The effect of double saturation of viscose cord on its properties  
and adhesive strength to rubber

PERIODICAL:

Kauchuk i rezina, no. 4, 1962, 3 - 7

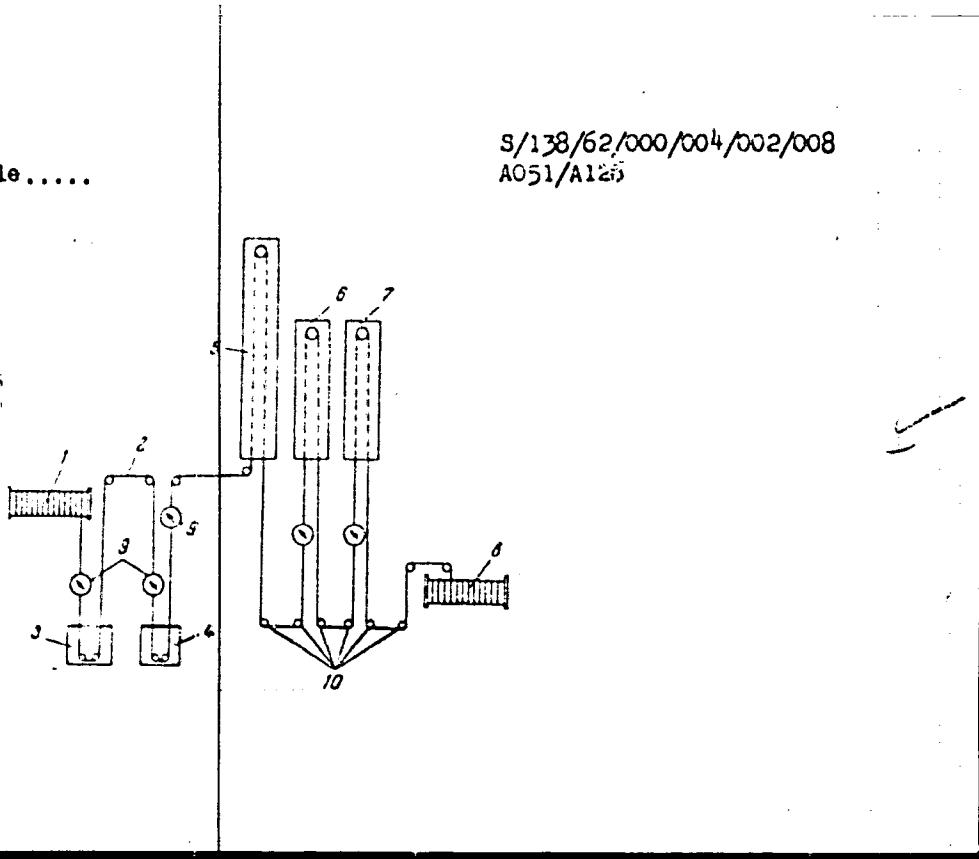
TEXT: The significance of the preliminary saturation of viscose cord with hot water is discussed (Ref. 1). Experimental data are obtained for single saturation under tension, showing that tearing elongations and adhesive strength of the viscose cord to rubber are reduced. A further study is made of double saturation under tension to determine its effect on the properties of the cord. The 11B(11 V) and Super-cord were used in the experiments. Latex-resorcin-formaldehyde-carbon black saturation compositions with an 11.5% concentration were used as the main saturation bath, based on three types of latexes: CKC-30 (SKS-30), III<sup>II</sup>(ShKHP), CKII-1 (SKD-1), and ДМБП-10 А (DMVP-10A). Lining rubbers based on NR and CKC-30 AM (SKS-30AM) were used to study the cord-rubber strength of adhesion. The cord was processed on the ЛУ-1 (LU-1) laboratory saturation-tension machine [designed and constructed - СКБ КОО(SKB KOO) at the Ivanov

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The effect of double.....

S/138/62/000/004/002/008  
A051/A125

Fig. 11



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BERESTNEV, V.A., NAGDASEVA, I.P.,  
ORLOVA, A.V., DUBOVA, L.S.

LYTKINA, M.B., SULEYMANOVA, Z.I.

Study of the relationship between mechanical properties and structure  
of cord fibers.

Report presented at the 13th Conference on high-molecular compounds.  
Moscow, 8-11 Oct 62

SULEYMANOVA, Z.I.

Changes occurring in the capron cord in the process of tire manufacture  
and operation. Kauch.i rez. 21 no.8:36-39 Ag '62. (MIRA 16:5)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.  
(Tire fabrics—Testing) (Nylon)

SULEYMANOVA, Z.I.; IONOVA, T.V.; UZINA, R.V.

Dependence of the properties of viscose cord on the location  
and intensity of force applied in impregnating and drying.  
Khim.volok. no.1:42-47 '63. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.  
(Tire fabrics)

LYTKINA, M.B.; SULEYMANOVA, Z.I.

Comparative study of the properties of polyamide and viscose  
tire cord. Kaučuk. i rez. 23 no.1:32-35 Ja '64.

(MIRA 17:2)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

SULEYMANOVA, Z. I.; MARKINA, A.V.

Some changes in the structure of rayon fibers taking place under  
various conditions of the impregnation and drying of cord threads.  
Kauch. i rez. 24 no.9:27-29 '65.

(MIRA 18:10)

I. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

Country	: USSR	F
DATE EXPDT	:	
AEC. JOUR.	: MzhFiol., No. 3 1952, No. 10158	
AUTHOR	: Suleymanova, I. Z.	
INST.	: State Scientific Control Institute of Veterinary*	
TITLE	: Certain Characteristics in the Technology of Preparation of Peripneumonia Antigen	
ORIG. SUB.	: Tr. Cos. nauchno-kontrol'n. in-ta vet. preparatov, 1957, 7, 263-265	
ABSTRACT	: * Preparations  No abstract.	
Card:	1/1	

USSR / Farm Animals, Cattle

Q-2

Abs Jour: Ref Zhur-Biol., No 21, 1958, 7163

Abstract: giving of potassium Iodide in doses of 50 milligrams per 100 kilograms of live weight carried out on 150 cows showed positive results.

Card 3/3

Country	: USSR
CATEGORY	: Farm Animals. Sheep
ABS. JOUR.	: PZBiol., No. 13, 1958, No. 59549
AUTHOR	: Suleymanova-Ramazanova, D. N.
INST.	: Institute of Animal Husbandry, Dagestan*
TITLE	: The Method of Vaginal Smears for Determination of Heat in Sheep
ORIG. PUB.	: Tr. In-ta zhivotnovodstva. Dagest. fil. AN SSSR, 1956, 4, 82-87
ABSTRACT	: The examination of vaginal smears of yearling ewes and dams established that the picture presented by the vaginal smears during different stages of the sexual cycle shows no marked differences. The only salient feature is the appearance of leukocytes on the 3, 4, 5 and 6th day after the start of heat, which indicates the end of the estrus. For this
* Affiliate, AS USSR	
CARD:	1/2

SULEYMANOV, G.G., inzh.-kapitan

Instruction must include character training. Vest, protivovozd, obor.  
no.2:51-53 F '61. (MIRA 14:2)  
(Russia—Air Force—Education, Nonmilitary)

SULEYMANIAN, G., kapitan

They will be sergeants. Starsh.-serzh. no. 6:10 Je '62. (MIRA 15:7)  
(Russia—Army—Noncommissioned officers)

SULEYMANIAN, H.S.

Method of titrating antivenom sera on white mice. Lab.delo  
no.1:Jan.-Feb. '55. (MLRA 8:8)

1. Iz Tashkentskogo nauchno-issledovatel'skogo instituta  
vaktsin i snyvorotek Ministerstva zdravookhraneniya SSSR.  
(SNAKE BITES, therapy,  
antivenomous serum, titration on guinea pigs)

USSR/Pharmacology. Pharmacognosy. Toxicology - Toxicology.

T-11

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71981

Author : Suleymayan, M.S.

Inst :

Title : On the Problem of Hyperimmunization of Horses with the Poison of *Latrodectus Tredecimguttatus*.

Orig Pub : Vopr. kraevoy patologii AN AzSSR, 1955, vyp. 6, 176-180

Abstract : The method of obtaining an anti-spider-poison serum by introduction of a measured dose of antigen in place of the earlier used immunization by spider bites. The antigen in the first five injection acted as an antidote, for the following - a dose of freshly prepared spider gland in physiological solution was used. 1 ml. of obtained serum neutralised 16 DL<sub>50</sub> mouse units of the poison. The maintenance of immunity in horses was obtained by introducing the antidote alone. The antikarakurt serum remained stable for 2 years.

Card 1/1

- 107 -

KHAVKIN, Yu.A.; SULEYMANOV, M.S.; LISOVSKAYA, N.D.

Immunogenicity of adsorbed diphtheria anatoxin depending on the titer of the original natural anatoxin and the degree of its purification. Trudy TashNIIVS 6:21-25 '61. (MIRA 15:11)  
(DIPHTHERIA ANTITOXIN)

SULEYMANIAN, M.S.

Obtaining hyperimmune serum against whooping cough from an ass.  
Trudy TashNIIVS 6:27-32 '61. (MIRA 15:11)  
(WHOOPING COUGH—PREVENTIVE INOCULATION)

NIKOL'SKIY, A.N.; SULEYMANIAN M.S.; DIANOVA, Ye.I.; MAKHON'KOVA, M.I.

Immunization reactivity in horses immunized with a diphtherial anatoxin; effect of pilocarpine on the development of anti-toxin in horses. Trudy Tash. NITVS 5:139-144 '62.  
(MIRA 16:10)

(HORSES) (DIPHTHERIA ANTITOXIN)  
(PILOCARPINE --PHYSIOLOGICAL EFFECT)

NIKOL'SKIY, A.N.; SULEIMANYAN, M.S.; DIANOVA, Ye.I.; MAKHOM'KOVA, M.I.

Study of immunization reactivity in horses immunized with a diphtherial anatoxin; preparation of horses for the production of diphtheria serum at an early age. Trudy Tash. NIIVS 5: 145-148 '62.

(MIRA 16:10)

(HORSES) (DIPHTHERIA) (SERUM)

SULEYMANOV, M.S.; AVERBUKH, I.Ya.

Effect of pilocarpine on the accumulation of agglutinins  
in the blood of animals during immunization. Trudy Tash.  
NIIVS 5:159-164 '62. (MIRA 16:1C)  
(AGGLUTININS) (PILOCARPINE -- PHYSIOLOGICAL EFFECT)

SULEYMEMOV, A.A.

Radiographic study of the resorptive function of the lymphatic system. A.A. Suleymanov. *Invest. Akad. Nauk Kazakh. S.S.R., Ser. Med. i Fiziol.* 1955, No. 6, 3-61.— Introduction of contrast substances in vivo into the elements of lymphatic system, followed by x-ray exams., is shown to be a satisfactory method of study of the processes of re-sorption and distribution of such substances in the organism. Numerous clinical cases are discussed in which Uroselectan or collargol was introduced into various sites and its distribution was followed radiographically. In dogs, Uroselectan shows different rates of distribution from various tissues. Collargol is distributed in the lymphatic system of a mobile limb more rapidly than in an immobile one. Peritoneal shock reduces the rate of distribution of Uroselectan, while the application of antishock measures speeds up the distribution process. Aseptic inflammations retard the distribution of Uroselectan, especially in the acute stages of disease. CH  
G. M. Kosolapoff

TROFIMENKO, T.D., dotsent; SULEYMONOV, A.A., kandidat meditsinskikh nauk;  
PAT'KIN, Yu.N., subordinator

Disinfection of the surgeon's hands and sterilization of instruments  
with diocide. Zdrav.Kazakh. 16 no.8:21-23 '56. (MLRA 10:1)  
(DISINFECTION AND DISINFECTANTS)

SYZGANOV, A.N.; TROFIMENKO, T.D.; KAPLAN, A.Ya.; DAIROV, A.B.; SULEYMBEYEV, A.

Clinical and physiological characteristics of some anesthetic methods  
used in surgical practice. Trudy Inst.klin. i eksp.khir. AN Kazakh.  
SSR 3:8-20 '57. (MLRA 10:8)

1. Kafedra obshchey khirurgii Kazakhskogo meditsinskogo instituta  
im. V.M.Molotova  
(ANESTHESIA)

SULEYMANOV, A.A.

Tissue therapy in the compound treatment of some diseases. Trudy  
Inst.klin. i eksp.khir. AN Kazakh.SSR 3:156-160 '57. (MIRA 10:8)

1. Kafedra obshchey khirurgii Kazakhskogo meditsinskogo instituta  
im. V.M.Molotova  
(TISSUE EXTRACTS)

SULEYENOV, A.A., kand.med.nauk

Complications following penicillin therapy. Zdrav.Kazakh.  
17 no.12:51-52 '57. (MIRA 12:6)

1. Iz kafedry klinicheskoy khirurgii fakul'teta usovershenstvovaniya vrachey (zav. - dots.T.D.Trofimenko) Kazakhskogo gosudarstvennogo meditsinskogo instituta.  
(PENICILLIN--TOXICOLOGY)

SULEMENOV, A.A., kand. med. nauk

Blood exchange transfusion in traumatic shock in radiation sickness. Zdrav. Kazakh. 22 no.8:55-57 '62 (MIRA 17:4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. A.B. Rayz)  
Kazakhskogo meditsinskogo instituta.

SULEYMANOV, N.

Changes in some physicochemical properties of the blood in  
lead poisoning. Izv. AN Kazakh. SSR Ser. med. nauk 11 no.3:  
54-59 '64 (MIRA 18:1)

MACHKASOV, Ye.I.; PONOMAREV, V.D.; SPIVAK, Yu.M.; SULEYEMENOV, E.N.

Enlarged unit for the chlorination of titanium bearing raw materials in a fluidized bed. Trudy Inst. met. i obogashch. AN Kazakh. SSR 4:51-61 '62. (MIRA 15:8)  
(Titanium--Metallurgy) (Fluidization)

SULEYMANOV, E.N.; MACHKASOV, Ye.I.

Methods of concentration and recovery of vapor-form chlorination products. Trudy Inst. met. i obog. AN Kazakh. SSR 8:  
19-31 '63  
(MIR 17:8)

MACHKANOV, Ye.I.; SHURSHET, I.A.; NEMENOV, V.

Investigating the sintering process of granulated high-titanium  
slug in a fluidized bed. Trudy Inst. met. i obog. AN Kazakh.SSR  
8:39-39 '63 (MIRA 1748)

GOL'DMAN, M.M.; SHUSTER, F.L.; MACHKASOV,, Ye.I.; SAZHIN, Yu .G.;  
SULEYMANOV, E.N.; SPIVAK, Yu.M.; NI, L.P.; PONOMAREV. V.D.

Utilizing nepheline pulp, lean in calcium oxide for needs of  
the construction industry. Trudy Inst. met. i obog. All Kazakh.  
SSR 8:122-125 \*63 ; (MIR 17:8)

SULEYMANOV, N.N.; MAGNASKOV, Ye.I.; PONOMAREV, V.D.

Chlorination in a fluidized bed of high-titanium slags with  
a varying content of calcium oxide. Trudy Inst. met i obog.  
AN Kazakh. SSR 9:32-38 '64. (MIRA 17:9)

SULEYMANOV, I. S., Doc of Agric Sci -- (diss) "Cultivation of wheat in Kazakhstan." Alma-Ata, 1956, 39 pp (All-Union Academy of Agricultural Sciences im Lenin; All-Union Scientific Research Institute of Plant Cultivation), 110 copies (KL, 32-57, 94)

SULEYMEMOV, I.S., prof., doktor sel'skokhczyaystvennykh nauk

Cultivation practices in the development of row crop rotations  
in Kazakhstan. Zemledelie 24 no.8:25-29 Ag '62. (MIRA 15:9)  
(Kazakhstan—Rotation of crops)

SULEYMANOV, K.A.

Hydraulic calculation of strengthening in the tail water of hydro-  
technical structures. Izv. AN Kazakh. SSR. Ser. energ. no.1:49-58  
'59. (MIRA 12:11)  
(Hydraulic engineering)

VYZGO, M.S.; SULEYMOV, K.A.

Some problems in studying the bottom layer of a turbulent stream.  
Izv. AN Kazakh. SSR. Ser. energ. no.2:49-55 '60. (MIRA 14:3)  
(Hydraulics)

SULEYMOV, K. A.

Effect of the properties of loose soil on the wash-out behind  
a horizontal footing with different roughness. Izv. AN Kazakh.  
SSR. Ser. energ. no.2:107-112 '62. (MIRA 16:1)

(Hydraulic structures)

IZRAEL', A.; KOKHANINA, M.; SULEYMOV, M.; YUMATOV, Yu.; SHEYNINA, L.

Some problems in the study of karakul sheep in Uzbekistan. Biul.  
SAGU no.28:73-88 '49. (MLRA 9:5)  
(Uzbekistan--Karakul sheep)

SULEYMANOV, N.M.

Correct boundary value problems for operator equations in a  
half-space in a class of generalized (abstract) functions.  
Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn. nauk no.1:21-27 '63.  
(MIRA 16:7)

(Boundary value problems)  
(Operators (Mathematics))  
(Hilbert space)

SULEYMANOV, N.S., kand.med.nauk

Volvulus of the gall bladder. Khirurgii Supplement:28 '57.  
(MIRA 11:4)

1. Iz kafedry fakul'tetskoy khirurgii lechebniogo fakul'teta  
Kazakhskogo gosudarstvennogo meditsinskogo instituta imeni  
Molotova.  
(GALL BLADDER--DISEASES)

DEMIN, I. N.; SULEYMOV, N. S.

Restoration of the common hepatic duct. Zdrav. Kazakh. no.4:  
68-69 '62. (MIRA 15:6)

1. Iz kafedry khirurgii fakul'teta usovershenstvovaniya vrachey  
(zav. - dotsent N. S. Suleymanov) Kazakhskogo meditsinskogo  
instituta.

(BILE DUCTS—SURGERY)

SHILOPOV, S.

SHILOPOV, S. -- "Investigation of Certain Physicochemical Properties of Foam Glass during Its Production." Acad Sci Kazakh SSR. Inst of Metallurgy and Procressing. Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Technical Sciences)

SC: 'Knizhnaya Letopis', No 1, 1956

SHPIL'KOV, Ye.M.; SULEYMOV, S.T.; SKOPINA, V.D.

Effect of calcium and magnesium oxides on the course of obtaining  
foamglass from vitrophyres. Trudy Inst. stroi. i stroimat. AN  
Kazakh SSR 2:167-178 '59. (MIRA 12:10)  
(Glass, Cellular)

SULYMANOV, V.I.

"The Agrobiological Basis of Some Procedures of the Agrotechnics  
of Corn in the Conditions of the Lenkoransk Zone in Azerbaijan SSR";

Dissertation for the degree of Candidate of Agricultural Sciences  
(defended by the Tashkent Agricultural Academy, 1962)

(Tovarishchestvo Tashkentskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,  
1962, pp. 201-236)